

February 25, 2008



U.S. Department  
of Transportation

East Building, PHH-30  
1200 New Jersey Avenue S.E.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 14608  
(FIRST REVISION)

**EXPIRATION DATE: January 31, 2010**

1. GRANTEE: Ultimate Adventure Ballooning, LLC  
Washington, MO
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain non-DOT specification pressure vessels (tanks) containing propane that are unloaded while attached to a motor vehicle. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
  - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.301(c) in that the packaging does not need to be marked with the special permit number; § 173.304 in that the use of a non-DOT specification tank is not authorized, and § 177.834(h) in that the unloading of a non-DOT specification tank while attached to a motor vehicle is not authorized except as specified herein.
5. BASIS: This special permit is based on the application of Ultimate Adventure Ballooning LLC dated December 3, 2007, submitted in accordance with 107.109.

**February 25, 2008**6. HAZARDOUS MATERIALS (49 CFR § 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Liquefied petroleum gas	2.1	UN1075	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed are non-DOT specification pressure vessels (tanks) which are unloaded while attached to a motor vehicle. Each tank must be designed, constructed and ASME Code "U" stamped in accordance with Section VIII, Division 1 of the ASME Code and Ultimate Adventure Ballooning LLC specifications and drawings on file in the Office of Hazardous Materials Special Permits and Approvals (OHMSPA).

b. TESTING - Each tank must be reinspected and retested as specified in §§ 180.205 and 180.209 for a DOT Specification 4BW cylinder at a minimum test pressure equal to 1.5 times the marked maximum allowable working pressure (MAWP).

c. OPERATIONAL CONTROLS -

(1) Tanks must be horizontally mounted and secured to the vehicle in a system that conforms to the requirements specified in 49 CFR §§ 393.100 through 393.106.

(2) All valves must be closed during transportation. Each product discharge valve must contain an excess flow feature which will automatically close the valve if the product flow exceeds 7 gallons per minute.

(3) Serial numbers of all tanks authorized under this special permit are on file in OHMSPA. No more than two tanks may be attached to a motor vehicle. This special permit is limited to five motor vehicles which supply propane to hot air balloons and they are owned and operated by Ultimate Adventure Ballooning LLC.

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(4) Maximum filling pressure, gas volume and weight of each tank are 312 psig, 65.1 gallons and 1,000 lbs respectively.

(5) The tanks are authorized to be loaded or unloaded without removal from the motor vehicle, provided the tanks are attended at all times during loading and unloading operations by a qualified person. For the purposes of this requirement, the terms "attended" and "qualified" must have the meanings described in §§ 177.834(i)(3) and (4) respectively. The person who is responsible for loading the gas system is also responsible for ensuring that it is so attended.

8. SPECIAL PROVISIONS:

a. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

b. The marking requirements specified in §§ 172.301(b) and (c) are waived.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

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Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Theodore L. Willke

Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm). Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

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